

**ABSTRACT**

An inkjet printhead assembly includes a carrier. An ink supply assembly is mounted on the carrier and defines a plurality of printhead chip receiving formations that are each  
5 dimensioned to engage a printhead chip and a plurality of ink supply conduits that terminate at the formations to supply ink to printhead chips engaged with the formations. A plurality of inkjet printhead chips is engaged with respective said formations to receive the ink via passages defined by the printhead chips in fluid communication with respective ink supply conduits. A rotary platen assembly is mounted on the carrier. The rotary platen  
10 assembly includes a platen body that is mounted on a shaft and defines a platen surface for supporting sheets of a print medium as the printhead chips carry out a printing operation on the sheets. The shaft is rotatable to bring the platen surface into and out of alignment with the printhead chips. A displacement mechanism is arranged on the shaft and the carrier to permit the shaft and thus the platen surface to be laterally displaced into and out of an  
15 operative position with respect to the printhead chips.